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Substitute for form 1449A/PTO				Complete if Known		
				Application Number	Not Assigned Yet	
	INFORMATION D	ISCLOSU	RE	Filing Date	On even date herewith	
	STATEMENT BY	<b>APPLICA</b>	NT	First Named Inventor	AOTA, KINYA	
				Art Unit	3635	
	(use as many sheets	as necessary)		Examiner Name	R. Canfield	
Sheet	1	of	2	Attorney Docket Number	503.35255V12	

				U.S. PATENT		Pages, Columns, Lines, Where
	Cite	Document Number			N (Details	
	No.1	Number-Kind Code <sup>2</sup> (# /	known)	Publication Date MM-DD-YYYY	1	Relevant Passages or Relevant Figures Appear
KS		US-5,388,529	1995		Tieberghien et al.	
77		US-5,979,742	1999		Enomoto et al.	
1		US-3,849,871	1974		Kaunitz	
		US-5,794,835	1998		Colligan, et al.	
		US-5,460,317	1995		Thomas, et al.	<u></u>
	·	US-5,140,913	1982		Takelchi, et al.	
K-S		US-5,098,007	1992		Tsuruda, et al.	
		US				
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		FOREIG	N PATENT DO	UMENTS		
-	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				T°
KS		JP 57-112813	1980			├
1		JP 54-11250	1979			—
		JP 7-288068	1995			<del> </del>
		JP 10-216984	1998			ļ
		JP 60-166177	1985			<del></del>
		JP 51-111925	1975			ļ
		JP 6-156272	1994		<u> </u>	ļ <u>-</u>
		JP 7-33016	1996			<del> </del>
		JP 0 579 500 A1	1994			<del> </del>
KS		WO 93/10935	1993			
<del></del>						

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PTO/SB/08A (10-01)

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Substitute for form 1449B/PTO			Complete if Known		
			Application Number	Not Assigned Yet	
<b>INFORMATION DISC</b>	LOSURE		Filing Date	On even date herewith	
STATEMENT BY AP	PLICANT		First Named Inventor	AOTA, KINYA	
			Group Art Unit	3635	
(use as many sheets as necessary)			Examiner Name	R. Canfield	
Sheet 2	of	2	Attorney Docket Number	503.35255V12	

xaminer nitials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), published author country where published	T2
KC.		Friction Stir Process Welds Aluminum Alloys, Welding Journal, American Welding Society, Vo. 75, No. 3 (1996)	
1		Light Metal Welding Vol. 33, No. 7, pp. 19-26 (1995)	
		Two Prints dated June 23, 1993 showing details from a video from the Welding Institute	
		Verksstadnerna Nr 2, pp. 32 and 34 (1996)	
		Advanced Materials & Processes, pp. 22-23, (1993)	
		Metalworking Technology Europe, Sterline Publication, pp. 143-145, (1994)	
K5		An Introduction to Friction Stir Welding and its Development, by CJ Dawes, Welding & Metal Fabrication, pp. 13-16, (1995)	
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